

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1700.181WOU	<b>FOR FURTHER ACTION</b> <div style="font-size: small; text-align: right;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div>	
International application No. PCT/US04/33173	International filing date (day/month/year) 08 October 2004 (08.10.2004)	(Earliest) Priority Date (day/month/year) 10 October 2003 (10.10.2003)
Applicant PECHINEY PLASTIC PACKAGING INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the Report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 12

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

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International application No.

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## Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The abstract is too long (PCT Rule 8.1(b)). The abstract must be less than 150 words, or 200 words when no figure is to be published.

### NEW ABSTRACT

The invention relates to a dispensing tube package, comprising a dispensing container (20) best seen in figure 5, having a threaded neck (24) and a shoulder with lugs (32), and, a closure (12) best seen in figure 3, with a threaded inner skirt (42), and an outer skirt (40) with a slot (15) to receive the shoulder lug to prevent rotation of the closure.

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International application No.

PCT/US04/33173

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65D 55/02

US CL : 215/219

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 215/219, 213, 214, 216, 217, 221, 43, 44, 305, 321, 330, 334, 336, 337

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,988,412 A (MINNETTE et al) 23 November 1999 (23.11.1999), see entire document.	1-5, 10-29, 32-46
X	US 4,116,351 A (UHLIG) 26 September 1978 (26.09.1978), see entire document.	1-11, 14-40, 43-46
Y	US 3,949,893 A (UHLIG) 13 April 1976 (13.04.1976), see entire document.	5 and 26
Y	US 5,687,863 A (KUSZ) 18 November 1997 (18.11.1997), see entire document.	7 and 28
Y	US 3,854,622 A (McKIRNAN) 17 December 1974 (17.12.1974), see entire document.	11 and 40
Y	US 6,357,615 B1 (HERR) 19 March 2002 (19.03.2002), see entire document.	11 and 40
Y	US 4,273,247 A (EARLS) 16 June 1981 (16.06.1981), see entire document.	12-13 and 41-42
Y	US 4,134,513 A (MUMFORD) 16 January 1979 (16.01.1979), see entire document.	17 and 44
Y	US 6,319,453 B1 (KLIMA, JR. et al) 20 November 2001 (20.11.2001), see column 10, line 54.	18 and 45



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

17 February 2005 (17.02.2005)

Date of mailing of the international search report

19 AUG 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Lee Young

Telephone No. (571) 272-4050

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US04/33173

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 6,698,605 B2 (CLODFELTER et al.) 02 March 2004 (02.03.2004), see entire document.	1-46
A	US 6,561,369 B1 (CLODFELTER et al.) 13 May 2003 (13.05.2003), see entire document.	1-46
A	US 6,386,380 B1 (CLODFELTER et al.) 14 May 2002 (14.05.2002), see entire document.	1-46
A	US 6,112,921 A (ROBINSON) 05 September 2000 (05.09.2005), see entire document.	1-46
A	US 6,036,036 A (BILANI et al.) 14 March 2000 (14.03.2000), see entire document.	1-46
A	US 6,003,700 A (JULIAN et al.) 21 December 1999 (21.12.1999), see entire document.	1-46
A	US 5,865,330 A (BUONO) 02 February 1999 (02.02.1999), see entire document.	1-46
A	US 5,413,233 A (HALL) 09 May 1995 (09.05.1995), see entire document.	1-46
A	US 5,394,999 A (KRALL) 07 March 1995 (07.03.1995), see entire document.	1-46
A	US 4,826,026 A (GACH et al.) 02 May 1989 (02.05.1989), see entire document.	1-46
A	US 4,667,836 A (McLAREN) 26 May 1987 (26.05.1987), see entire document.	1-46
A	US 4,540,098 A (LUKER) 10 September 1985 (10.09.1985), see entire document.	1-46
A	US 4,117,945 A (MUMFORD) 03 October 1978 (03.10.1978), see entire document.	1-46
A	US 3,984,021 A (UHLIG) 05 October 1976 (05.10.1976), see entire document.	1-46
A	US 3,826,395 A (MONTGOMERY) 30 July 1974 (30.07.1974), see entire document.	1-46
A	US 2002/0166834 A1 (BRANSON et al.) 14 November 2002 (14.11.2002), see entire document.	1-46

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